

973 437 4507

INSTRUCTIONS

INSTALLATION

SWITCH

EMERGENCY SHUT DOWN

FR1013

To properly install this switch you will need additional cable and wiring, making sure to measure the length needed and matching the correct wire gauge existing in your system.

* As with all electrical repairs, always disconnect your battery cables for safety.

Mounting bracket Installation

- 1) Determine switch location and mount bracket...
NOTE: Switch can also be flush mounted without the bracket.

Switch Installation for a coil system

- 1) Remove the two Phillips head screws from the switch knob and pull gently to remove.
- 2) Slide switch through center hole on bracket and attach using two 1/4"-20 bolts and nuts provided... (Be sure not to over tighten)
- 3) Replace switch knob and screws. Tighten screws until snug. Be sure not to over tighten
- 4) Measure from terminal #1 on the switch to the positive battery post. (See figure B or refer to the wiring diagram) >Next measure from terminal #2 to the

- starter. Solder on your terminal ends and seal the terminal to the wire using shrink tubing
- 5) Connect positive battery cable to terminal #1 on switch (see figure B) and route cable to battery. Connect second cable to starter, route to switch and connect to terminal #2. NOTE: For safety do not connect cable to battery at this time.
 - 6) Locate the wire from the ignition switch to the coil assembly.
 - 7) Cut the connector off the ignition wire found in step #6 and extend the wire long enough to reach the switch. Route wire to switch and install terminal connector, then seal it with shrink tubing. (See wiring diagram)
 - 8) Connect wire to terminal #5 on the switch. (See figure B or the wiring diagram)
 - 9) Make a second wire long enough to reach from the switch to the coil assembly... (See figure B or the wiring diagram.)
 - 10) Route wires to coil assembly, install connector on wire and seal it with shrink tubing. (See wiring diagram)
 - 11) Connect wire to coil assembly and to terminal #6 on switch. (See figure b or the wiring diagram.)
 - 12) Connect your battery cables and test system.

Switch Installation for HEI system (High Energy Ignition)

- 1) Remove the two Phillips head screws from the switch knob and pull gently to remove.
- 2) Slide switch through center hole on bracket and attach using two 1/4"-20 bolts and nuts provided... (Be sure not to over tighten)
- 3) Replace switch knob and screws. Tighten screws until snug. Be sure not to over tighten

- 4) Measure from terminal #1 on the switch to the positive battery post. (See figure B or refer to the wiring diagram) >Next measure from terminal #2 to the starter. Solder on your terminal ends and seal the terminal to the wire using shrink tubing
- 5) Connect positive battery cable to terminal #1 on switch (see figure B) and route cable to battery. Connect second cable to starter, route to switch and connect to terminal #2. NOTE: For safety do not connect cable to battery at this time.
- 6) Locate the wire from the ignition switch to the distributor assembly. This is the connector on the right side. Disconnect the wire and cut the connector off leaving a 1" pigtail. This connector will be used again later.
- 7) Extend the wire long enough to reach the switch. Route wire to switch and install terminal connector, then seal it with shrink tubing. (See wiring diagram)
- 8) Connect wire to terminal #5 on the switch. (See figure B or the wiring diagram)
- 9) Make a second wire long enough to reach from the switch to the coil assembly... (See figure B or the wiring diagram.)
- 10) Route wires to coil assembly, install connector on wire and seal it with shrink tubing. (See wiring diagram)
- 11) Connect wire to coil assembly and to terminal #6 on switch. (See figure b or the wiring diagram.)
- 12) Connect your battery cables and test system.

Resistor Installation

NOTE: Resistor is recommended when using an EFI system to protect the ECM.

- 1) Connect a jumper wire from terminal #2 on switch to terminal #4 on the switch.(See figure B or the wiring diagram)
- 2) Connect a second wire from terminal #3 on the switch to one lead on the 3 ohm resistor.(see figure B and the wiring diagram)
- 3) From the second lead on the resistor connect to a good ground.(see wiring diagram)

NOTE: Resistor must be used for power bleed of to protect system.

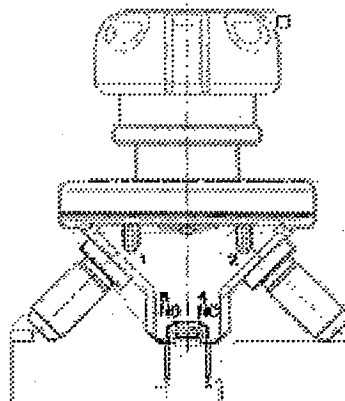


FIGURE B

NO

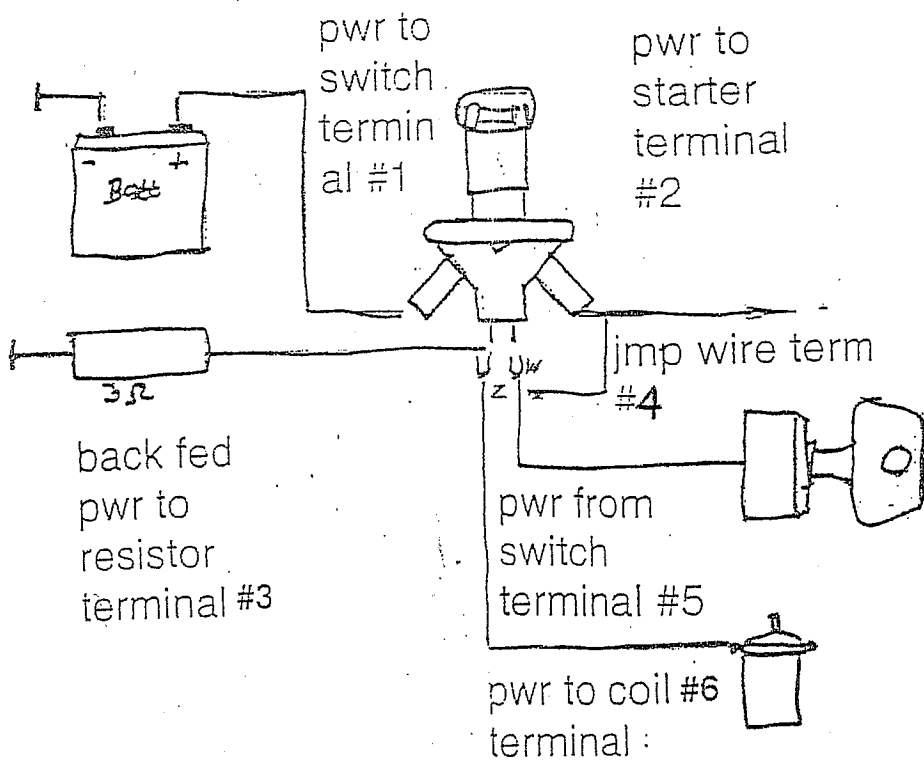
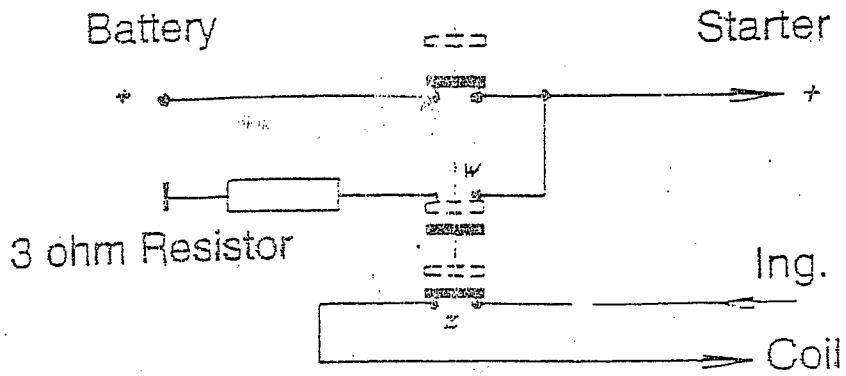
NC

THESE LETTERS DESIGNATE SIDES

OF SWITCH

THEY ARE LOCATED ON BOTTOM

OF SWITCH



Medio

#5 - 35N -
 #6 - PCT -
 # jump 2 - 4
 # 3 resistor

*Batt
128*

Engine Controls (Distributor Ignition System)

